

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
11 January 2001 (11.01.2001)

PCT

(10) International Publication Number
WO 01/02648 A2(51) International Patent Classification⁷: E01F

(21) International Application Number: PCT/US00/18423

(22) International Filing Date: 5 July 2000 (05.07.2000)

(25) Filing Language: English

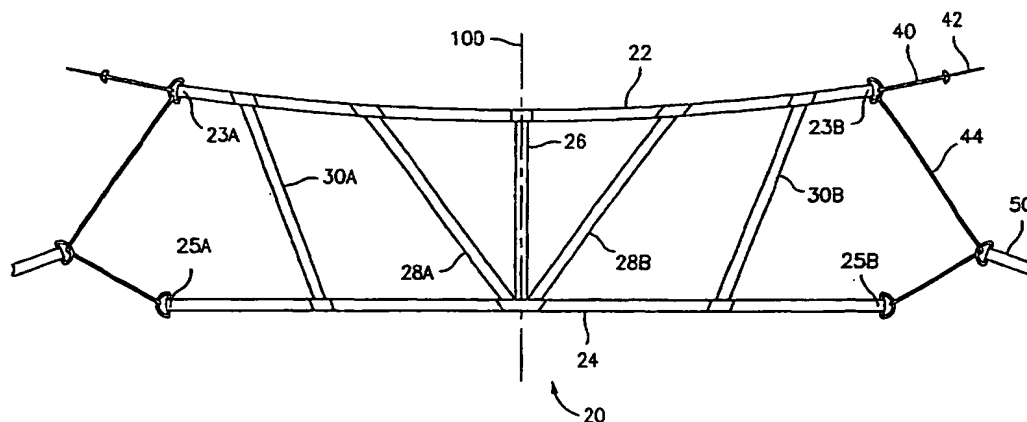
(26) Publication Language: English

(30) Priority Data:
60/142,365 6 July 1999 (06.07.1999) US(71) Applicant (for all designated States except US): PRIMEX
TECHNOLOGIES, INC. [US/US]; 10101 9th Street
North, St. Petersburg, FL 33716-3807 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OUSTERHOUT,
John, N. [US/US]; 523 8th Street North, Wilson Creek,
WA 98860 (US). TACKE, Kenneth, L. [US/US]; 23621
77th Avenue SE, Woodinville, WA 98072 (US).(74) Agents: SLATE, William, B. et al.; Wiggin & Dana, One
Century Tower, New Haven, CT 06508-1832 (US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).**Published:**— Without international search report and to be republished
upon receipt of that report.For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: VEHICLE CAPTURE BARRIER



(57) Abstract: A vehicle barrier (20) is constructed to minimize chances of being pulled over or drawn under a vehicle impacting the barrier. The provision of large gaps in the barrier both increases the likelihood of the barrier grabbing onto a portion of the vehicle which might not be achieved by a barrier having a very small mesh. The barrier members (28A, 28B, 30A, 30B) which bound these gaps are constructed at particular angles so that a vehicle tire encountering the barrier would be neither able to run up a given member or run from member to member so as to draw the barrier under the vehicle and allow the vehicle to drive over the barrier. Rather, the tires ultimately encounter the gaps and, thereafter, do not draw the barrier beneath the vehicle.

WO 01/02648 A2